

RAW SEQUENCE LISTING

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Application Serial Number: 1015261768
Source: PCT
Date Processed by STIC: 3/9/06

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RAW SEQUENCE LISTING

DATE: 03/09/2006

PATENT APPLICATION: US/10/526,768

TIME: 12:31:28

Input Set : A:\seq listing XII 847-05.ST251.txt
 Output Set: N:\CRF4\03092006\J526768.raw

3 <110> APPLICANT: Forschungsverbund Berlin e.V.
 5 <120> TITLE OF INVENTION: AKAP18delta a novel splicing variant of a protein kinase A
 anchor
 6 protein and the use of the same
 8 <130> FILE REFERENCE: XII 843-05
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/526,768
 C--> 11 <141> CURRENT FILING DATE: 2005-03-07
 13 <150> PRIOR APPLICATION NUMBER: DE 102 44 072.7
 14 <151> PRIOR FILING DATE: 2002-09-06
 16 <150> PRIOR APPLICATION NUMBER: DE 103 06 085.5
 17 <151> PRIOR FILING DATE: 2003-02-07
 19 <160> NUMBER OF SEQ ID NOS: 2
 21 <170> SOFTWARE: PatentIn version 3.3
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 1062
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Homo sapiens
 28 <400> SEQUENCE: 1
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 31 gaggaaggga cgggggaccc ggagaccgc cctgttagtt ctctggcaga cctgccgtt 120
 33 gctgccgtac acattcaaga tgactgtgga ctccctgatg tacctcaagg aaatgtacct 180
 35 caaggaaacc caaagagaag caaaagaaaat agaggcgaca ggaatgatca cgtaaagaag 240
 37 aggaagaagg ccaagaaaaga ttatcaaccc aactattcc tgcatttc aatcaccaac 300
 39 aaaaagatta cagctggaat taaaatcttg caaaattcga tactgagaca ggataatcga 360
 41 ttgaccaaag ccatggtcgg cgacggctcc tttcacatca ctttgcata gatgcagcta 420
 43 ttaaacgaag atgaagtaaa cataggtacc gacggcgtt tggactgaa gccgttcgtt 480
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 51 tttaagcctc acctgaccc ttatgatct tatgaagctg tccaaagcac caatgctctg gaagaaggaa 720
 53 gtgagaaaaaa tagagcctgg attgtatgag caatttatcg accacagatt tggagaagaa 780
 55 atactgtacc aaatagatct ctgtccatg ctgaagaaaa aacagagcaa tggattttac 840
 57 cactgcgagt ctgcgtatgt gatcggttag aaggaccgaa aggacgcgtt ggtatgcgtt 900
 59 ctggtcaggc tcagtaagag gctgggtggag aacgcgcgtgc tcaaggctgt ccagcagttac 960
 61 cttagaagaga cacagaacaa aaagcagccg ggggagggaa actccgtcaa agctgaggag 1020
 63 ggagatcgga atggcgatgg cagtgataac aaccgaaat ga 1062
 66 <210> SEQ ID NO: 2
 67 <211> LENGTH: 353
 68 <212> TYPE: PRT
 69 <213> ORGANISM: Homo sapiens
 71 <400> SEQUENCE: 2
 73 Met Glu Arg Pro Ala Ala Gly Glu Ile Asp Ala Asn Lys Cys Asp His
 74 1 5 10 15
 77 Leu Ser Arg Gly Glu Glu Gly Thr Gly Asp Leu Glu Thr Ser Pro Val

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78	20	25	30	
81	Gly Ser Leu Ala Asp Leu Pro Phe Ala Ala Val Asp Ile Gln Asp Asp			
82	35	40	45	
85	Cys Gly Leu Pro Asp Val Pro Gln Gly Asn Val Pro Gln Gly Asn Pro			
86	50	55	60	
89	Lys Arg Ser Lys Glu Asn Arg Gly Asp Arg Asn Asp His Val Lys Lys			
90	65	70	75	80
93	Arg Lys Lys Ala Lys Lys Asp Tyr Gln Pro Asn Tyr Phe Leu Ser Ile			
94	85	90	95	
97	Pro Ile Thr Asn Lys Lys Ile Thr Ala Gly Ile Lys Val Leu Gln Asn			
98	100	105	110	
101	Ser Ile Leu Arg Gln Asp Asn Arg Leu Thr Lys Ala Met Val Gly Asp			
102	115	120	125	
105	Gly Ser Phe His Ile Thr Leu Leu Val Met Gln Leu Leu Asn Glu Asp			
106	130	135	140	
109	Glu Val Asn Ile Gly Thr Asp Ala Leu Leu Glu Leu Lys Pro Phe Val			
110	145	150	155	160
113	Glu Glu Ile Leu Glu Gly Lys His Leu Thr Leu Pro Phe His Gly Ile.			
114	165	170	175	
117	Gly Thr Phe Gln Gly Gln Val Gly Phe Val Lys Leu Ala Asp Gly Asp			
118	180	185	190	
121	His Val Ser Ala Leu Leu Glu Ile Ala Glu Thr Ala Lys Arg Thr Phe			
122	195	200	205	
125	Gln Glu Lys Gly Ile Leu Ala Gly Glu Ser Arg Thr Phe Lys Pro His			
126	210	215	220	
129	Leu Thr Phe Met Lys Leu Ser Lys Ala Pro Met Leu Trp Lys Lys Gly			
130	225	230	235	240
133	Val Arg Lys Ile Glu Pro Gly Leu Tyr Glu Gln Phe Ile Asp His Arg			
134	245	250	255	
137	Phe Gly Glu Glu Ile Leu Tyr Gln Ile Asp Leu Cys Ser Met Leu Lys			
138	260	265	270	
141	Lys Lys Gln Ser Asn Gly Tyr Tyr His Cys Glu Ser Ser Ile Val Ile			
142	275	280	285	
145	Gly Glu Lys Asp Arg Lys Glu Pro Glu Asp Ala Glu Leu Val Arg Leu			
146	290	295	300	
149	Ser Lys Arg Leu Val Glu Asn Ala Val Leu Lys Ala Val Gln Gln Tyr			
150	305	310	315	320
153	Leu Glu Glu Thr Gln Asn Lys Lys Gln Pro Gly Glu Gly Asn Ser Val			
154	325	330	335	
157	Lys Ala Glu Glu Gly Asp Arg Asn Gly Asp Gly Ser Asp Asn Asn Arg			
158	340	345	350	
161	Lys			

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/526,768

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date